

NEWS

by WALDRICH COBURG

New Paths with KFC

The maker of large valves, Klinger Fluid Control (KFC) is treading new paths with the Waldrich Coburg machining center.

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Quality will continue

Change in the Quality Department: Stegner retires – Schultheiß is coming.

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A Revival of Large Machines

Large machines are booming

The increasing demand of the energy industry is the reason for a revival of the large machines. Machine tools for diesel and turbine engine machining are the traditional strengths of Waldrich Coburg and are presently helping to fill our order books.

The market for regenerative energy increases and gains more and more importance for our sales strategy. Even more powerful wind generating facilities are requiring larger and heavier components – the perfect field of application for the Waldrich Coburg power machines.

While the MultiTec-series were the winner in recent years, we are now facing a strong sales growth in the power machine section.

Not only our PowerTec series, but also the smaller MasterTec-series are booming these days.



Growth potential with wind generation plants.

Increases Sales and Marketing Activities in America

Heading for America

One of Waldrich Coburg's business objectives is to in-



crease its market presence in North America. As the internal restrictions from the former owner no longer exist, Waldrich Coburg is free to develop this important market.

Providing our U.S. customers with high-class service of Waldrich Coburg and emphasizing the importance of the U.S. market, was the cause

for founding our subsidiary 'Waldrich Coburg NA, Inc.' end of 2005.

As well as the availability of sales and service personnel, critical spare parts will also be held on stock in the U.S. to ensure fast response times. When required, the 100-percent subsidiary can get support from local partner companies.

Change in ownership offers new horizons



A good management team.

Waldrich Coburg remains Waldrich Coburg

The change of ownership in last October is offering new horizons for Waldrich Coburg. The clear message to our customers and employees is: Waldrich Coburg remains Waldrich Coburg.

With the Chinese machine tool manufacturer 'Beijing No. 1', Waldrich Coburg has a new owner, who trusts in the experience of Waldrich Coburg

and gives the local management a free hand for all operating activities: Hubert Becker (right), Product Engineering and CEO of Waldrich Coburg, is counting on team work with Uwe Herold/Finance (left) and Horst Rothaupt/Marketing. Also in the management team is Zhongkui Ru-an (second from the right).

Please refer also to Hubert Becker's editorial, on page 2.

EDITORIAL



With Optimism into the Future

The last year was characterized by far-reaching organizational changes. After being sold by the former owner, the Herkules-Group Siegen, Waldrich Coburg is now belonging to the Chinese Machine Tool Manufacturer Beijing No. 1 Machine Tool Plant/Beijing. Beijing No. 1 is a subsidiary of the Jingcheng Machinery Electric Holding Co. Ltd. Beijing, which employs approx. 23,000 people in China.

In the beginning there was some scepticism among the employees and customers when it became known that a Chinese company is intending to buy the old-established Coburg company. But all doubts were gone, when it soon became clear that Beijing No. 1 regards Waldrich Coburg as an independent German company and that the company decisions will remain in the responsibility of the local management. All members of the Waldrich Coburg management have been working in leading positions for many years. The statement 'Waldrich Coburg remains Waldrich Coburg' satisfied employees as well as customers.

A change in ownership also brings changes in the management organization. With effect from January 1, 2006 the management board is represented as follows:

Product Engineering and CEO Hubert Becker, Managing Director Finance Uwe Herold, Managing Director Marketing Horst Rothhaupt. Another Managing Director is Zhongkui Ruan, responsible for the company co-ordination between Waldrich Coburg and Beijing No. 1, apart from the daily business.

Please find further news about other organizational changes on the following pages.

The year 2006 has started very optimistic and we realize that our customers are still trusting in the quality and strength of our company. This confidence is also reflected in our order receipts.

There are a lot of plans for the future: we will invest in our Coburg facility, we will continue to develop new technologies and will enhance our customer service. With these actions, we will gain competitive advantage and will rigorously expand our market leadership in Europe, North America and Asia.

I wish you a pleasant reading!

Hubert Becker

NAMES AND NEWS

Thanks for the teamwork: Ekrem R. Sirman, Hans-Dieter Fischer (both December 2005), Dieter Stegner (March 2006).

A warm welcome: Jörg Herrmann, Sven Lorz (both Marketing).

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Beginning this year

Waldrich Coburg with an Advisory Board

Beginning this year a Waldrich Coburg advisory board has been appointed. This committee will meet twice a year with shareholders and the management board of Waldrich Coburg.

During these meetings the business development, current topics and cor-

porate strategies as well as improvements of business processes will be discussed.

The advisory board consists of following members

Ekrem Sirman,
CEO at Harmonic Drive AG, Limburg, and former CEO of Waldrich Coburg

Gerhard Gumbrecht,
Director of HypoVereinsbank, Coburg

Prof. Dr. Josef Scherer,
Manufacturing Director Alstom Power AG, Mannheim

Gary Stampanato,
Managing Director Caterpillar Lafayette/USA.



PowerTec HB - Leading-edge technology by Waldrich Coburg.

Horizontal PowerTec

Latest Development from Waldrich Coburg

The latest development of Waldrich Coburg convinces the customers by its leading-edge technology.

The main characteristics of the PowerTec HB are the hydrostatic bearings of the milling and boring unit, equipped with a specially designed and patented sealing system. This results not only in excellent cut-

ting performances, but also in shorter machining times and longer tool life-cycles.

The hydrostatic bearings prevent a jamming of the boring spindle when warming up.

The milling gear is consisting of a 2-range planetary gear which ensures an extremely smooth running with high accuracy. The hydrostatic system of the Y-guideway (turning) and

the Y-axis accurately compensates geometrical deviations which occur during feed motion of ram and boring spindle.

This innovation technology is not only available for the application of conventional boring machines. The high-performance PowerTec machines of Waldrich Coburg offer also the integration of different technologies and custom solutions.

On International Fairs

Trade fairs are national and international market places where companies can present their products, communicate with business partners and build up relationships as basis for future businesses.

In 2006 Waldrich Coburg exhibits

on Metalloobrabotka in Moscow/Russia (May 23–27, booth A12, hall 2.3), METAV 2006 in Dueseldorf (June 20–24, booth C 19, hall 16), IMTS in Chicago/USA (September 6–13, booth A8685, hall A). BIMU in Milan/Italy (October 5–10) where Waldrich

Coburg is represented by our agency Protesa

You're welcome!





MultiTec 4500 AP increases efficiency

Engel – a Company with Quality

The Engel corporation is worldwide renowned in the injection moulding industry for modern and innovative products. For ensuring top quality and a high degree of automation in

their production processes, Engel relies on the machine tools built by Waldrich Coburg.

For many years Waldrich Coburg machines have been in operation in

Engel's production. Now a portal milling machine of type MultiTec 4500 AP was started up in Engel's plant in St. Valentin, Austria.

The machine has a spindle power of 45 kW, clearance width is 4500 mm,

clearance height is 2000 mm. The pallet system is designed for a pallet size of 8000 x 3000 mm. The conception of the MultiTec 4500 AP permits the complete mechanical machining of 6 faces of a component called "C-Frame" in only one setup. The machine used before the new Waldrich Coburg MultiTec had needed 3 setups.

This caused not only long setup times but also a loss of accuracy during each change of setup. Our flexible MultiTec 4500 AP machine was the remedy.

A before and after-study of the C-Frame production at Engel Austria showed an increased productivity of 150 %. Because of the daily three-shift operation, it soon became clear that the investment in the Waldrich Coburg machine was worth it.

Additionally, the MultiTec 4500 AP permits the application of newest cutting materials. With spindle RPMs of up to 6000 min⁻¹, the yield of high performance tools can be increased, especially when machining a great number of boreholes.



Company Engel - MultiTec 4500 AP increases efficiency.

In-Sourcing better than Out-Sourcing

Back to the 'Family'

Doing it yourself is sometimes better to be sure that things really do work. While many other companies consider out-sourcing the only universal remedy, Waldrich Coburg has decided to do it just the other way. The youngest offspring in the Waldrich Coburg family is traded under the name 'Waldrich Coburg Elektro GmbH'.

The subsidiary was founded in February in order to produce again most of the required cabinets with own staff. This decision offers many advantages: on the one hand jobs will remain in Coburg and economically this measure will create more value proposition. On the other hand Waldrich is gaining independence from suppliers and the manufacturing depth of core components will be extended.

With Waldrich Coburg into the Future

by Alfred Taus, KFC

The maker of large valves, Klinger Fluid Control (KFC) Austria, is treading new paths with the Waldrich Coburg machining center. The company employs 175 people in their works in Gumpoldskirchen/Austria and 1590 people worldwide. Their tradition is the manufacture of high quality products which demands state-of-the-art technologies.

The product range comprises small piston valves of widths DN 15-200, large ball valves with 150 – 800 mm flow openings, three-piece ball valves and level gauges for industrial glass production. In recent years, Klinger Fluid Control increasingly concentrated on the production of large valves. Now the time was ripe to implement a new machine concept for their large-valve production. The choice had to be made among five machine makers – the order was finally awarded to Waldrich Coburg. Before placing the order, Klinger specialists – in cooperation with the university of Vienna – checked the offers with a special selection procedure and made extensive analyses and reports. The best offer was figured out to be the Waldrich Coburg machining center. Its technical concept convinced the customer. At Waldrich Coburg a well-organized

project team was responsible for the realization of the project. 'As a customer, we saw that the Waldrich Coburg project team worked very well. Already from the initial stage of the project, Klinger was impressed by its execution', Mr. Alfred Taus, Production and Project Manager of KFC, 'and did not end with the final acceptance.'

Mr. Taus adds: 'Klinger will continue the good and long-term partnership with Waldrich Coburg.'

The commissioning of the new Waldrich Coburg machine was the reason for a big celebration at the KFC plant. The company owners, represented by Dr. Thomas Klinger-Lohr, the President of the Province of Niederösterreich (Lower Austria), Dr. Pröll and some honoured guests from industry and politics as well as all KFC employees attended the event and showed the importance of this investment.

One of the two machines (MTU) started to play the 'Donau-Waltz and this was the time for all guests to clap. At this moment, no doubt, the world's most expensive and largest record player.

Underlining the good business relations between the two companies, Mr. Taus was very glad that the managers of the service division of Waldrich Coburg were present at the ceremony.



Perfect partnership: Klinger Fluid Control (KFC) and Waldrich Coburg.

All the best Dieter Stegner!

... when the customer comes back!



Gerd Schultheiß (left) and Dieter Stegner.

All the best, Dieter Stegner! Our quality manager has retired and it's his contribution that one thing remains: the proven quality system of Waldrich Coburg, implemented in all our production areas.

Dieter Stegner's motto has become a formula for quality: 'Quality is when the customer comes back and not the machine.' Gerd Schultheiß, successor of Dieter Stegner, shows the same quality awareness and has taken over a perfectly organized quality department.

The proven Waldrich Coburg quality system is divided in a 'production'- and in a 'final inspection'- quality system.

Already upon goods receipt the quality of raw materials, brought-in parts or parts externally machined will be inspected according to clearly defined procedures. This includes the visual inspection as well as the measuring in the precision measurement room, where also the measurement and test equipment is calibrated. The production inspections support the goods receipt inspections, where measurements can be carried out directly on the machines. The next step is the final inspection, where some of the components and the complete machine will be checked. For these procedures several expert teams work together and bring in their technical competence. Finally, a protocol with all the results will be issued.